838 Trading Partner Profile

Functional Group ID=TD

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Trading Partner Profile Transaction Set (838) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request, change, verify or transmit business profile information to or from a trading partner. This information can be used by the receiver to facilitate the processing of the sender's business transactions. The transaction set may be used to convey government survey information, business classification, general survey information, summary supplier ratings, changes in the EDI environment information, tax information, entity relationships, and general business profile information to update automated information data bases between trading partners.

Notes:

1. Use this transaction set to acknowledge the successful processing of a previously received request for registration as a Federal Government trading partner.

2. Use this transaction set to inform a registering party that a request to register was partially processed. When used in this manner, use the transaction set to provide the reason(s) why the request could not be fully processed.

3. Successful confirmation will be determined in part, only upon the validation of the registering party's DUNS and TIN numbers, as provided in the 838 contractor registration transaction set.

4. Validation of registration will take some time, therefore, registering parties should not anticipate an immediate confirmation of successful or partial registration. Registrants are advised to wait until they have received an official response from the registration process.

5. Do not use this transaction set to notify a registering party of an unsuccessful registration. Use the 824 transaction set to notify a registrant of an application problem that precludes a successful registration.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BTP	Beginning Segment For Trading Partner Profile	M	1		
Not Used	021	REQ	Request Information	O	1		
	025	PER	Administrative Communications Contact	O	1		
			LOOP ID - LX			>1	
	029	LX	Assigned Number	O	1		
	030	PLA	Place or Location	O	1		

Not Used	040	LCD	Place/Location Description	O	>1	
Not Used	050	LIN	Item Identification	O	>1	
			LOOP ID - N1		>1	
	060	N1	Name	O	1	
Not Used	070	N2	Additional Name Information	O	2	
Not Used	080	N3	Address Information	O	2	
Not Used	090	N4	Geographic Location	O	1	
	100	N9	Reference Number	O	>1	
Not Used	110	PER	Administrative Communications Contact	O	>1	
Not Used	120	CUR	Currency	O	>1	
Not Used	130	TAX	Tax Reference	O	>1	
Not Used	140	FOB	F.O.B. Related Instructions	O	>1	
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
Not Used	160	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
Not Used	170	FBB	Foreign and Industry Business	O	>1	n1
Not Used	171	DTM	Date/Time/Period	O	2	
Not Used	172	LCD	Place/Location Description	O	>1	
			LOOP ID - TPD		>1	
	180	TPD	Trading Partner Detail	O	1	
Not Used	190	N9	Reference Number	O	>1	
Not Used	200	PID	Product/Item Description	O	>1	
Not Used	210	DTM	Date/Time/Period	O	>1	
Not Used	215	LS	Loop Header	O	1	
			LOOP ID - TUD		>1	
Not Used	220	TUD	Trade Union Data	O	1	
Not Used	230	DTM	Date/Time/Period	O	>1	
Not Used	240	N1	Name	O	1	
Not Used	250	N2	Additional Name Information	O	2	
Not Used	260	N3	Address Information	O	2	
Not Used	270	N4	Geographic Location	O	1	
Not Used	280	PER	Administrative Communications Contact	O	>1	
Not Used	285	LE	Loop Trailer	O	1	
			LOOP ID - SPR		>1	
Not Used	290	SPR	Supplier Rating	O	1	
Not Used	300	N9	Reference Number	O	>1	
Not Used	310	DTM	Date/Time/Period	O	>1	
			LOOP ID - PAM		>1	
Not Used	320	PAM	Period Amount	O	1	
Not Used	330	DTM	Date/Time/Period	O	>1	
Not Used	340	TAX	Tax Reference	O	>1	
Not Used	350	CUR	Currency	O	>1	
			LOOP ID - TXN		>1	
Not Used	360	TXN	Transaction Capabilities	O	1	
Not Used	370	N9	Reference Number	O	>1	
Not Used	380	DTM	Date/Time/Period	O	>1	

			LOOP ID - ENE			>1	
Not Used	390	ENE	Electronic Systems Environment	O	1		
			LOOP ID - N1			>1	
Not Used	400	N1	Name	O	1		
Not Used	410	N2	Additional Name Information	O	2		
Not Used	420	N3	Address Information	O	2		
Not Used	430	N4	Geographic Location	O	1		
Not Used	440	TPD	Trading Partner Detail	O	>1		
Not Used	450	PID	Product/Item Description	O	>1		
Not Used	460	N9	Reference Number	O	>1		
Not Used	470	PER	Administrative Communications Contact	O	>1		
			LOOP ID - TXN			>1	
Not Used	480	TXN	Transaction Capabilities	O	1		
Not Used	490	N9	Reference Number	O	>1		
Not Used	500	DTM	Date/Time/Period	O	>1		
Not Used	510	ERI	Entity Relationship	O	>1		
Not Used	520	AMT	Monetary Amount	O	>1		
Must Use	530	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. With each occurence of the PLA loop, the sum of FBB03 for separately identified countries cannot exceed 100.

Segment:	$\mathbf{ST}$ **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			838　　　　X12.17 Trading Partner Profile	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.	

Segment:	**BTP** Beginning Segment For Trading Partner Profile	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the type and purpose of the profile data	
Syntax Notes:	1	If BTP08 is present, then BTP07 is required.
	2	If BTP09 is present, then BTP08 is required.
Semantic Notes:	1	BTP01 indicates the purpose of this EDI transmission.
	2	BTP02 is the identifying number of this transaction.
	3	BTP03 and BTP04 are the transaction set date and time.
	4	BTP06 indicates the status of the data content within the transaction.
	5	BTP07 indicates reference number or previous reference number associated with this transaction.
	6	BTP08 and BTP09 are date and time associated with BTP07.
Comments:		
Notes:	*When cancelling a previously transmitted confirmation of registration use of the transaction set, use BTP07/08/09 to carry the number, date and time of the transmission being cancelled.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BTP01**	**353**	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original

Use to indicate the original confirmation of a request for registration. Use if the transmission contains either an acknowledgment of a successful registration or a partial acceptance of a request for registration.

01	Cancellation

Use to indicate a cancellation of a previously transmitted response to a request for registration.

07	Duplicate

Use to indicate a duplicate response to a request for registration. Use only when informed that the original response to a request for registration was not received.

Must Use	**BTP02**	**127**	**Reference Number**	**M AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use to indicate a unique number, assigned by the originator of the transaction set, that can be used as a reference in a subsequent

transaction set. This number may be system generated.

| Must Use | BTP03 | 373 | **Date** | **M** | **DT 6/6** |

Date (YYMMDD)

Use to indicate the date the transaction set was created.

| Must Use | BTP04 | 337 | **Time** | **M** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use to indicate the time the transaction set was created. Use local time. Use only the HHMM format (e.g., 1030, 0925, etc.).

| Must Use | BTP05 | 640 | **Transaction Type Code** | **M** | **ID 2/2** |

Code specifying the type of transaction

    TP   Trading Partner Information

| Must Use | BTP06 | 353 | **Transaction Set Purpose Code** | **O** | **ID 2/2** |

Code identifying purpose of transaction set

    11   Response

> *Use to indicate that this transmission is a response to a previously submitted initial request to register, or a change to, or annual renewal of a previously successful registration.*

| Must Use | BTP07 | 127 | **Reference Number** | **X** | **AN 1/30** |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use in other than cancellations, to indicate the reference number contained in BTP02 of the request for registration transaction set. Use in cancellations to indicate the number of the cancelled transmission.

| Must Use | BTP08 | 373 | **Date** | **X** | **DT 6/6** |

Date (YYMMDD)

Use in other than cancellations, to indicate the date contained in BTP03 of the request for registration transaction set. Use in cancellations to indicate the date of the cancelled transmission.

| Must Use | BTP09 | 337 | **Time** | **O** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use in other than cancellations, to indicate the time in BTP04 of the request for registration transaction set. Use in cancellations to indicate the time of the cancelled transmission.

Segment:	**PER** Administrative Communications Contact			
Position:	025			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To identify a person or office to whom administrative communications should be directed			
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.			
	2 If either PER05 or PER06 is present, then the other is required.			
Semantic Notes:				
Comments:				
Notes:	*Use this segment to provide the toll free commercial telephone number for registering parties to call to obtain information regarding doing business using Electronic Data Interchange (EDI) or to inquire about their registration.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER01	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			EA EDI Coordinator		
			Use to indicate the Electronic Commerce Information Center contact.		
Not Used	PER02	93	**Name**	O	AN 1/35
			Free-form name		
	PER03	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
			Use to indicate the toll free commercial telephone number. Ensure the 800 area code is included.		
	PER04	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER05	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
Not Used	PER06	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		

Segment:	**LX** Assigned Number	
Position:	029	
Loop:	LX	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To reference a line number in a transaction set	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*Use to indicate the number of the iteration of the LX loop. For example, in the first iteration of the LX loop, insert the number 1 in LX01, in the second iteration of the LX loop (if there is a second iteration in the transmission), insert the number 2, and so on. This number may be system generated.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	

Segment:	**PLA** Place or Location			
Position:	030			
Loop:	LX Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To indicate action to be taken for the location specified and to qualify the location specified			
Syntax Notes:				
Semantic Notes:	1 PLA03 is the effective date for the action identified in PLA01.			
	2 When used, PLA04 is the effective time for the action identified in PLA01.			
Comments:				
Notes:	*Use is required in original response to a registration request. Do not use in cancellation.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PLA01	306	**Action Code**	M ID 1/2

Code indicating type of action

Use to identify the action being taken in the response as either a successful registration or an inability to register the requesting party. Also include the effective date of the decision to register or reject the request.

		IN	Interim

Use to indicate that the registration application has been partially accepted, but that there is some non-essential data under review.

		KA	Registration Confirmed

The application requesting registration was favorably acted upon and registration is confirmed

Use to indicate that a requesting party has been successfully registered.

Must Use	PLA02	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

		KK	Registering Party

The party requesting registration into a system

Use to identify the party submitting the request to register transaction set.

Must Use	PLA03	373	**Date**	M DT 6/6

Date (YYMMDD)

Use to indicate the effective date of the action described by the code value in PLA01.

Not Used   **PLA04**   **337**   **Time**   **O** **TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used   **PLA05**   **1203**   **Maintenance Reason Code**   **O** **ID 2/3**

Code identifying the reason for the maintenance change

Segment:	**N1** Name	
Position:	060	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:		*There must be at least one iteration of the N1 loop in each transaction set to carry the address of the requesting party.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

    KK   Registering Party

            The party requesting registration into a system

            Use to identify the party submitting the request for registration.

	Ref. Des.	Data Element	Name		Attributes
Not Used	N102	93	**Name**	**X**	**AN 1/35**

Free-form name

	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

    1   D-U-N-S Number, Dun & Bradstreet

    9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

	N104	67	**Identification Code**	**X**	**AN 2/17**

Code identifying a party or other code

Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Not Used	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Segment:	**N9** Reference Number				
Position:	100				
Loop:	N1 Optional				
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier				
Syntax Notes:	1 At least one of N902 or N903 is required.				
	2 If N906 is present, then N905 is required.				
Semantic Notes:	1 N906 reflects the time zone which the time reflects.				
Comments:					
Notes:	*Use two iterations of this segment to provide:*				

Use two iterations of this segment to provide:

1. a unique number assigned by the Federal Government to a successfully registered trading partner (do not use if the registration is not successful), and

2. a Commercial and Government Entity (CAGE) Code. This Code is required by many (primarily Department of Defense) applications.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N901	128	Reference Number Qualifier	M	ID 2/2
			Code qualifying the Reference Number.		
			EL Electronic device pin number		
			Use to provide a unique Trading Partner Identification Number (TPIN) to a successfully registering party.		
			W7 Commercial and Government Entity (CAGE) Code		
			Code that identifies a commercial contractor authorized to do business with the U.S. Government		
	N902	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
Not Used	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
Not Used	N904	373	Date	O	DT 6/6
			Date (YYMMDD)		
Not Used	N905	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes		

(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used   N906   623   Time Code   O   ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment:	**TPD** Trading Partner Detail	
Position:	180	
Loop:	TPD Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To describe attribute of a trading partner	
Syntax Notes:	1 If either TPD02 or TPD03 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use only in unsuccessful registrations, to indicate the reason(s) why the request to register could not be completely processed.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TPD01	349	**Item Description Type**	**M** **ID 1/1**
			Code indicating the format of a description	
			F Free-form	
Not Used	TPD02	23	**Commodity Code Qualifier**	**X** **ID 1/1**
			Code identifying the commodity coding system used for Commodity Code	
Not Used	TPD03	22	**Commodity Code**	**X** **AN 1/16**
			Code describing a commodity or group of commodities	
	TPD04	352	**Description**	**O** **AN 1/80**
			A free-form description to clarify the related data elements and their content	

Use to advise the registrant of a partial registration by indicating the nature of the data under review, or the problem precluding full registration. Use also to inform partially accepted registrants that they can inquire about the status of their registration by calling the EDI help desk. The telephone number is to be provided in the 1/PER/025 segment.

Segment:	**SE** Transaction Set Trailer		
Position:	530		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** SE is the last segment of each transaction set.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10

Total number of segments included in a transaction set including ST and SE segments

Use to indicate the total number of segments included in the transmission including the ST and SE segments.

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Use to transmit the same unique control number assigned by the originator of the transaction set, as the control number cited in ST02.